

NASA Case No. KSC-12540

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Clyde F. Parrish)
Serial No.: Unknown)
Filed: Herewith)
Title: High Performance Immobilized)
Liquid Membrane for Carbon)
Dioxide Separations)

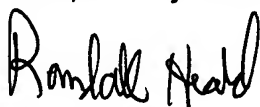
Mail Stop Patent Applications
Attn: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the requirements of 37 CFR 1.97 and 1.98, applicants hereby request that the references listed in the attached form PTO-1449 be considered and made of record in the above-identified application.

Respectfully Submitted,



Randall M. Heald
Attorney for Applicant
Registration No. 28,561

Date: Sept. 17, 2003

Mailing Address:

NASA, John F. Kennedy Space Center
Mail Code: CC-A
Kennedy Space Center, FL 32899
Telephone No.: (321) 867-7214

Applicant	Clyde F. Parrish	INFORMATION DISCLOSURE STATEMENT FORM PTO-1449
Serial No.	Unknown	
Filing Date	Herewith	
Group Art Unit	Unknown	
Confirmation No.	Unknown	
Atty Docket No.	KSC-12540	
Title: HIGH PERFORMANCE IMMOBILIZED LIQUID MEMBRANE FOR CARBON DIOXIDE SEPARATIONS		Sheet 1 of 1

U.S. Patent References				
Examiner Initials	Document/Patent No.	Publication/Issue Date	Name	Filing Date
	3,396,510	08/13/1968	Ward	08/15/1966
	3,447,286	06/03/1969	A. Dounoucos	08/02/1967
	4,761,164	08/02/1988	Pez et al.	11/25/1986
	4,780,114	10/25/1988	Quinn et al.	10/14/1987
	5,110,326	05/05/1992	Sirkar et al.	03/12/1991
	5,342,432	08/30/1994	Haubs et al.	11/26/1990
	5,409,524	04/25/1995	Jensvold et al.	09/10/1993
	5,702,503	12/30/1997	Tse Tang	06/03/1994
	5,876,486	03/02/1999	Steinwandel et al.	09/09/1996

Foreign Patent References					
Examiner Initials	Foreign Patent		Name	Publication Date	T?
	Country	No.			

Other References	
Examiner Initials	Author, Title, Date, Pages, etc.

Examiner Signature		Date Considered	
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			
Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce			